Electronic Acknowledgement Receipt			
EFS ID:	1590389		
Application Number:	10550633		
International Application Number:			
Confirmation Number:	1956		
Title of Invention:	Method and apparatus for improving the performance of pilot symbol assisted receivers in the presence of narrowband interference		
First Named Inventor/Applicant Name:	Alan James Coulson		
Customer Number:	110		
Filer:	Vincent T. Pace/Frances Walton		
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Application Type:	U.S. National Stage under 35 USC 371		
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Submitted with Payment	no
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# File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	CoulsonIDS.pdf	358276	no	6
Warnings:					

Information:					
This is not an USI	PTO supplied IDS fillable form				
2	Foreign Reference	20070314210712.pdf	4793450	no	101
Warnings:			•		•
Information:					
3	Foreign Reference	20070313234620.pdf	762725	no	13
Warnings:		_			
Information:					
4	Foreign Reference	20070313235014.pdf	2542779	no	51
Warnings:			•		•
Information:					
5	Foreign Reference	20070313235127.pdf	1964616	no	34
Warnings:					
Information:					
6	Foreign Reference	20070313235225.pdf	1673010	no	44
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Information:					
7	Foreign Reference	20070313235319.pdf	464348	no	9
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Information:					
8	Foreign Reference	20070313235339.pdf	3151211	no	49
Warnings:					
Information:					
9	Foreign Reference	20070313235430.pdf	828820	no	13
Warnings:					
Information:					
10	Foreign Reference	20070313235520.pdf	2456372	no	70
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Warnings:						
Information:	Information:					
11	NPL Documents	20070313235635.pdf	924155	no	11	
Warnings:						
Information:						
12	NPL Documents	20070313235804.pdf	647269	no	8	
Warnings:						
Information:						
13	NPL Documents	20070313235854.pdf	567445	no	5	
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14	NPL Documents	20070313235932.pdf	1218820	no	13	
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15	NPL Documents	20070314000004.pdf	461508	no	5	
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16	NPL Documents	20070314000032.pdf	733564	no	9	
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17	NPL Documents	20070314000107.pdf	1005570	no	9	
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18	NPL Documents	20070314000141.pdf	859444	no	11	
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19	NPL Documents	20070314000221.pdf	481011	no	5	
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20	NPL Documents	20070314000250.pdf	446021	no	6
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21	NPL Documents	20070314000308.pdf	335397	no	6
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22	NPL Documents	20070314000329.pdf	387188	no	6
Warnings:					
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23	NPL Documents	20070314000403.pdf	705523	no	8
Warnings:					
Information	:				
24	NPL Documents	20070314000425.pdf	9021236	no	224
Warnings:					
Information	1				
		Total Files Size (in bytes):	36	789758	

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/IDO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filling Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.